



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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For : USES OF HUMAN ZVEN PROTEINS AND POLYNUCLEOTIDES

Examiner : Chandra, G.

Art Unit : 1646

Docket No. : 02-20

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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

The Restriction Requirement mailed January 23, 2006, has been received and reviewed.

The Office Action sets forth a restriction requirement under 35 USC §121.

Applicants were requested to elect one of eight designated groups as briefly noted below:

I. Claims 1-8, 10-37 and 40-45, drawn to a method of modulating gastrointestinal contractility in a mammal or stimulating cytokine release comprising administering to the mammal a polypeptide comprising the amino acid residue 28-108 of SEQ ID NO:2, classified in class 514, subclass 2.

II. Claim 9, drawn to a method of stimulating gastrointestinal contractility in a mammal comprising administering to the mammal a polypeptide comprising the amino acids 20-105 of SEQ ID NO: 5 and a polypeptide comprising the amino acids 28-108 of SEQ ID NO: 2, classified in class 514, subclass 2.

III. Claims 34-37 and 44-45, drawn to a method of stimulating chemokine release in a mammal comprising administering to the mammal a polypeptide comprising the residues 20-105 of SEQ ID NO: 5, classified in class 514, subclass 2.

IV. Claims 38-39, drawn to a method of decreasing sensitization thermal stimulus comprising administering an antagonist to a polypeptide comprising amino acids 28-108 of SEQ ID NO: 2, classified in class 5424, subclass 9.1.

V. Claims 38-39, drawn to a method of decreasing sensitization thermal stimulus comprising administering an antagonist to a polypeptide comprising amino acids 20-105 of SEQ ID NO: 5, classified in class 424, subclass 9.1.

VI. Claims 44-45, drawn to a method of stimulating gastrointestinal contractility in a mammal comprising administering to the mammal a polypeptide comprising the amino acids 28-129 of SEQ ID NO: 29, classified in class 514, subclass 2.

VII. Claims 46-47, drawn to an isolated nucleic acid sequence of SEQ ID NO: 14 and a method of producing the polypeptide encoded by the nucleic acid of SEQ ID NO: 14 comprising culturing a recombinant cell comprising an expression vector comprising the nucleic acid of SEQ ID NO: 14, classified in class 435, subclass 69.1.

VII. Claim 48, drawn to a polypeptide encoded by nucleic acid sequence of SEQ ID NO: 14, classified in class 530, subclass 350.

In response to the Requirement for Restriction Election, Applicants elect Group I, claims 1-8, 10-37, and 40-45 drawn to a method of modulating gastrointestinal contractility in a mammal or stimulating cytokine release comprising administering to the mammal a polypeptide comprising the amino acid residue 28-108 of SEQ ID NO:2, classified in class 514, subclass 2.